

ADDITIONAL NOTES ON NOMINA FIRST INTRODUCED BY TETSUAKI KIRA IN  
“COLOURED ILLUSTRATIONS OF THE SHELLS OF JAPAN”

Rüdiger Bieler<sup>1</sup> & Richard E. Petit<sup>2</sup>

The taxa, both available and unavailable, first proposed by Tetsuaki Kira in the numerous printings of his “Coloured Illustrations of the Shells of Japan” and the English edition, “Shells of the Western Pacific in Color, Vol. I” were recently listed by us (Bieler & Petit, 1990). At the time, we discussed 54 species-group and one genus-group name. Forty names were found to be available from this work, although only five of these had been formally designated as new taxa. The difficulty in recognizing some of these unannounced introductions is demonstrated by our having to add two new taxa that we overlooked despite extensive searching and comparing the various printings and editions in which some nude names have been introduced. There probably remain still others that have eluded us. Also, we add additional data on the previously listed genus-group name.

*Laevistrombus* Abbott, 1960

*Laevistrombus* Kira, 1955: 31 (*nomen nudum*).

*Laevistrombus* Kira. Abbott, 1960: 47–48 (type species designated: *Strombus canarium* Linné, 1758).

This name first appeared in the 3rd printing of the 1st edition of “Coloured Illustrations of the Shells of Japan” as a subgenus for two nominal species of *Strombus*: *S. (L.) canarium* Linné, 1758, and *S. (L.) isabella* Lamarck, 1822. No description or statement of differentiation was given, as required by ICZN Code Article 13a, nor was a type species designated. Subsequent printings remained unchanged at least through the 6th printing of the 2nd edition (1963). In the 9th printing of the 2nd edition (1964), *Laevistrombus* is elevated to genus-level and *L. isabella* emended to *L. canarium* “forma” *isabella*. The two intermediate printings have not been seen, but have no effect on this discussion.

When Abbott (1960: 47–48) treated *Laewis-*

*trombus* as a subgenus in his monograph of *Strombus*, he gave a brief description of *Laevistrombus* and designated *S. canarium* Linné as its type species. Although Abbott cited Kira as the author of *Laevistrombus*, the name had not previously been available and must take date and authorship from Abbott, 1960 (ICZN Code Article 50a).

*Simplicifusus* Kuroda & Habe, 1971

*Simplicifusus* Kira, 1962: 85 (*nomen nudum*).  
*Simplicifusus* Kira, 1964: 77 (*nomen nudum*).  
*Simplicifusus* Kira. Kuroda & Habe, 1971: 282, 184 (type species designated: *Fusinus simplex* Smith [sic; = *Fusus simplex* E. A. Smith, 1879]).

*Simplicifusus* first appeared in Kira’s “Shells of the Western Pacific in Color” (1962: 85) as a subgenus of *Fusinus* for two species: *F. (S.) hyphalus* M. Smith and *F. (S.) simplex* (Smith) [= *Fusinus hyphalus* Maxwell Smith, 1940, and *Fusus simplex* E. A. Smith, 1879]. We cannot determine exactly when this name first appeared in the Japanese version of this work, “Coloured Illustrations of the Shells of Japan, Vol. I.” It was not in the 6th printing (1963) but was in the 9th printing (1964). We have not seen the two intermediate printings. However, Kira (1962, 1964) gave no description or statement of differentiating characters as required by ICZN Code Article 13a.

Kuroda & Habe (1971) cited *Simplicifusus* Kira as a genus (Japanese text, p. 282) and as a subgenus of *Fusinus* (English text, p. 184). A description of the genus is given (Japanese text, p. 282), and *Fusinus simplex* (Smith) is designated as type species (Japanese p. 282; English p. 184). Because *Simplicifusus* was not previously an available name, it must take date and authorship from Kuroda & Habe, 1971 (ICZN Code Article 50a).

<sup>1</sup>Field Museum of Natural History, Roosevelt Road at Lake Shore Drive, Chicago, Illinois 60605, U.S.A.

<sup>2</sup>P. O. Box 30, North Myrtle Beach, South Carolina 29582, U.S.A.

*Pictodentalium* Habe, 1963

*Pictodentalium* Kira, 1959: 105 (and subsequent years; *nomen nudum*).

*Pictodentalium* Habe, 1963: 255 (genus described; type species designated: *Dentalium* (*Pictodentalium*) *formosum hirasei* Kira, 1959).

In our previous paper (1990: 141), we showed that this genus-group name was a *nomen nudum* in all editions of Kira's works. It was treated in a systematic manner by Habe in 1963 (p. 255), who gave a description of it as a subgenus. He attributed the name to Kira and gave the type-species as *Dentalium* (*Pictodentalium*) *formosum hirasei* Kira, stating that designation was by monotypy. He then placed *D. (P.) formosum hirasei* Kira in the synonymy of *D. (P.) formosum* (A. Adams & Reeve, 1850). Because *Pictodentalium* had not previously been made available, it must take date and authorship from Habe, 1963 (ICZN Code Article 50a).

We thank Dr. Alan R. Kabat for bringing to our attention the omission of *Simplicifusus* in our earlier paper, and an anonymous reviewer for additional data on the availability of *Pictodentalium*.

editions of Tetsuaki Kira's "Coloured Illustrations of the Shells of Japan" and "Shells of the Western Pacific in Color, Vol. I," with an annotated list of new names introduced. *Malacologia*, 32: 131-145.

HABE, T., 1963, A classification of the scaphopod mollusks found in Japan and its adjacent area. *Bulletin of the National Science Museum (Tokyo)*, 6: 252-281, pls. 37-38.

[ICZN] International Commission on Zoological Nomenclature, 1985, *International Code of Zoological Nomenclature*, 3rd ed. London, Berkeley, and Los Angeles, xx + 338 pp.

KIRA, T., 1955, *Coloured illustrations of the shells of Japan*. [viii] + 204 pp., 67 pls.; Hoikusha, Osaka [for additional printings, see Bieler & Petit, 1990].

KIRA, T., 1959, *Coloured illustrations of the shells of Japan*. Enlarged & Revised Edition. [1st printing of Revised Edition: March 10, 1959]. [6] + vii + [1] + 239 pp., [1] + 71 pls.; Hoikusha, Osaka. [6th printing: February 5, 1963; 9th printing: November 1, 1964; for additional printings, see Bieler & Petit, 1990].

KIRA, T., 1962, *Shells of the western Pacific in color*. [vii] + 224 pp., 72 pls. Hoikusha, Osaka [for additional printings, see Bieler & Petit, 1990].

KURODA, T. & T. HABE, 1971, [Descriptions of genera and species] in Kuroda, Habe & Oyama, *The sea shells of Sagami Bay*. Maruzen, Tokyo. xix + 741 pp. [in Japanese], pls. 1-121, 489 pp. [in English], 51 pp. index, map.

#### LITERATURE CITED

- ABBOTT, R. T., 1960, The genus *Strombus* in the Indo-Pacific. *Indo-Pacific Mollusca*, 1: 33-146.  
BIELER, R. & R. E. PETIT, 1990, On the various

Revised Ms. accepted 28 November 1995